Shiro

SD 8141
USER MANUAL

SD 8141

Thank you for your choice of the new digital cordless phone Shiro SD8141.
SD8141 is a DECT (Digital European Cordless Telephone) phone with GAP (Generic Access Profile) profile. To the quality of audio and to the safety offered from the digital technology, SD8141 offer manifold and useful features including, caller identification, automatic routing of the phone calls toward a second network operator, alphanumeric phone book and handsfree speaker phone. If you store a name into the phone book, the caller name will appear when he calls. All the features are easily accessible through a practical menu.
Please read carefully this instructions manual before using your new SD-8141 phone.

ACCESSORIES
- Base unit and Handset unit
- 2 AAA rechargeable battery 1.2V
- AC/DC Adaptor
- Tel-line cord
- Users manual

Technical data

- Technlogy: DECT standard (Digital European Cordless Telephone) with GAP
  (Generic Access Profile)
- RF channel: 120 TDMA
- Frequency range: 1.88 Ghz ~ 1.9 GHz
- Channel bandwidth: 1.728 Mhz
- Speech encoding: ADPCM / 32 kbit per second
- Duplexing: Time Division Duplex (TDD)
- RF access: Time Division Multiple Access (TDMA)
- Modulation type: GMSK
- Transmission speed: 1.152 Mbps
- Output power: 250mW max
- Battery life: 120 hours standby; 9 hours talking (2 hour hands free speakerphone)
- Coverage range: 50 m indoor; 300 m outdoor
- Handset powered by 2 AAA battery 1.2V / 550 mAh / Ni-MH
- Base set powered by AC/DC adaptor PRI 230 V AC; SEC 7.5V DC 300 mA;
- Recharging time: 10/12 hours
- Dialling mode: Pulse / Tone (DTMF)
- Handset dimension and weight: [53 x 145 x 29 mm] x 122 g (batteries included)
- Base set dimension and weight: [117 x140x115 mm] x 140 g
- Max handset to one base: 5 (4 + 1 in endowment)
- Max base to the handset: 4
- Usable temperature: from 0° to 40°C°
- Storage temperature: from -20° to 60°C°

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Factory default setting

- Phone book: empty;
- Called numbers list: empty;
- Caller ID list: empty;
- LCR router: disabled with below settings:
  Primary = empty;
  Others = empty;
  Routable* = empty;
  Special* = empty
- Handset name: HANDSET;
- Handset ringing volume: 4;
- Handset external ringing tone : 1;
- Handset internal ringing tone .: 5;
- Confirmation beep: enabled;
- Timer: enabled;
- Date & Time: present on display, enabled
  automatic setting;
- Alarm: disabled;
- Base ringing volume: 5;
- Base ringing tone: 1;
- Ringing priority: disabled;
- Call barring: disabled;
- PIN Code: 0000;
- Dialling mode: Tone (DTMF);
- PABX pause: disabled;
- Baby sitting; disabled;
- Display language: English;
- Handset subscribed: only handset 1;
- Receiver volume: level 3;

*After resetting, remember to input the special and routable prefix on LCR router (see paragraph " LCR").

A glance guide to the buttons on your handset.

The handset

Display
See page 4.

Earpiece
Listening

MEM button
press to make
calls to numbers
stored in memory
FLASH button
you will need this
if your phone is
connected to a PBX,
or if you use Call-
waitting servies

SD 8141

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OK button
press during programming
to confirm your selections.
Press and hold to switch the
handset off.
MENU button
Press to start and end the
programming menu.

PHONE ⌃ button
press to begin, answer and
end a telephone call.

REDIAL button
press to display the last 10
numbers you dialled.
UP and DOWN buttons
Press during
programming to
move through
the menu.
Press during
a call to change
the volume
in the earpiece.
▲?/ ▼ (Caller Display)
Press to display details of
people who have called you.

RD ▲

▲? ▼

C (CLEAR) button
Press during programming to
move back to the previous
menu option, or to clear digits
one by one from the display
MUTE button
Press during a call to mute
the microphone so the
other person could not hear you.

INT button
Press to make an
intercom call if you
have more than one
handset registered to
ther base unit.

SPEAKERPHONE button
press to turn the speaker-
phone on and off.

Microphone
pick up the voice

Charge contact
Charging batteries

Before you can use the handset to make
calls you will need to fit and fully charge
the batteries, as described on pages 6 to 8.

Please read the notes on page 5 before you
install the base unit.

Key and symbols description

Handset:

$\mathcal{C}$: Hook switch key;

INT : Intercom key between handsets;

$\mathbb{M}/R$: phone book access key and flash key ;

$C^{\mathcal{K}}$: mute key, delete key and Menu exit key ;

OK : Menu access key, confirmation key, handset On-Off;

RD/▲: Redial list key / up arrow;

▲?/▼: caller identification list access key and down arrow;

◀ : hands free speaker phone key;

Display symbols:

ϒ : the handset is in the coverage area of the base;

⊖ : Menu access;

🕮 : phone book access;

$\mathcal{C}_x$: phone call is in progress (x means microphone mute enable);

⌀ : handset ringer disabled;

◠ : baby sitting feature enabled;

⌂ : not answered call present in the caller ID list;

◁)) : Hands free speaker phone is in use;

▬O : keypad is blocked;

▭ : battery level indication;

Base LED:

NUSE/
NEW CALL : phone conversation is in progress, when is blinking reflect unanswered calls;

▭ : handset is in the cradle;

P : paging key to call handset;

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A quick guide to the buttons on the base.

The Base

Incoming Call Light

Charging Light

New Call / In Use

Page Button
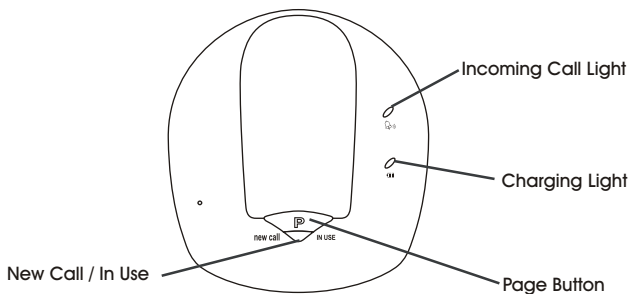
The headset jack

The headset jack let you
use the handset**(optional).
Start by plugging
it into the bottom of
the handset as shown.

** You can purchase the handset from our office or purchase a mobile phone handset(motoroXX type).Make sure
the volume is turned up as the mobile phone handset have different power setting.

The belt clip

If you are using your SD 8141,
you may wish to fit the belt clip to
make the handset easier to
carry.
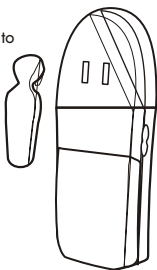
Fit the belt clip
as shown,
making sure it
clicks firmly
into place
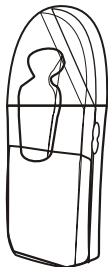
Installation and Setting Up

1 Choose a suitable site for the base unit. Make
   sure it is not near to another telephone or
   other electrical equipment

2 Plug the main power lead and the
   telephone line cord into the back of
   the base unit

DC 9V

3 Plug the power adaptor into a 230 V AC,
   50 HZ main socket, with the switch on the
   socket set to OFF
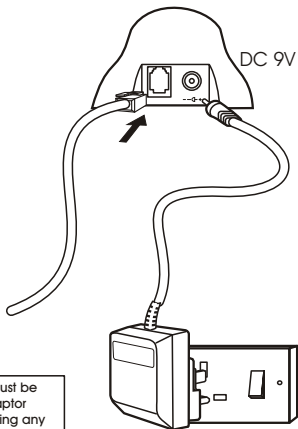
> The SD 8141 base unit must be
> used with the power adaptor
> supplied with the unit. Using any
> other adaptor will result in
> non-compliance with En60950.
> This will invalidate any
> approval given to this apparatus.

4 Switch on the power at the socket

5 Fitting the batteries in the handset

Insert the rechargeable batteries as shown,
making sure they are firmly in place
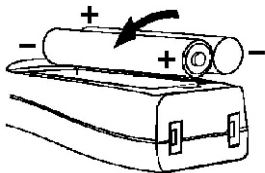
Fit the battery compartment cover,
sliding it until it clicks firmly into
position

** Please make sure that only RECHARGEABLE batteries are used,
   otherwise the warranty will be void.

6
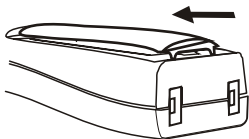
AC/DC adaptor installation

Connect the plug of the adaptor to the power jack 🔌 of the base set located at the back, and connect it to the 220V socket.

Phone line connection

Connect the plug of the telephone line cord to the jack of base set 📞 located at the back, and connect it the line socket.

Battery installation

1- Remove the battery door;
2- Insert the batteries into the compartment;
3 - Close battery door.

IMPORTANT: The Nichel-Metal Hydrate battery, when exhausted, must be recycled or disposed properly.

Battery charging

Put the handset onto the cradle. Charge at least 10 hours when the battery is totally discharged. The light indicator will light up to show that the handset is in charging mode. When completely charged, this light indicator will remain on.

Coverage range

The coverage area could be affected from manifold situations. The indication of 300m outdoor and 50m indoor serves as a guide which is obtainable only in a optimal conditions of propagation of the signal. However for a better coverage it is advisable to install the base set in a central position of the building within where the cordless phone be used.

Precautions

1) Read this manual before using this phone.
2) Avoid direct exposure to solar rays and/ or fronts of heat, as well as to avoid the installation in damps places and/ or dusty.
3) Do not support objects on the cables and/ or on the phone.
4) Do not use adaptor and/ or batteries diverged from those specified on this instructions manual or however from those in endowment.
5) In case of storms, disconnect the phone from power and phone lines.
6) Clean by using a slightly dampened cloth. Do not use alcohol, solvents, abrasives, etc.
7) Do not effect reparations alone. Tampering and/ or uses not in conformity with those described on the instructions manual will render the warranty void.
8) Shiro Corporation declines any responsibility in case of improper uses or manipulations not conform with the instructions as described in this manual.

Handset On/Off

Press $_{OK}$⊡ key to switch handset On or put it in the cradle for charging. It will switch On automatically.
To switch Off, hold and press $_{OK}$⊡ key for approximately 2 seconds.

Before using the unit, check:

1) The installation was performed properly;
2) The batteries have been charged properly;
3) The LCD display "OFF " (press $_{OK}$⊡ key to switch on handset in case it is off);

To make a call

1) Press 📞 key for dialing tone (the base LED indicator will light up);
2) Dial the desired number;
3) Press 📞 key or put the handset in the cradle to end a call (the base LED indicator will be off).
NOTE: Pressing 🔊 *key will enable the hands free speaker phone. This key cannot cease the line.*
At the end of each call, the LCD screen will display the talk time duration for about 5 seconds.
Pre-dial

1) Dial the outgoing number (press $_C$✳ key if there is an error. The last digit will be deleted. Alternatively press and hold to delete full number) ;
2) Press 📞 key to send a call. The number will be dial out automatically.

How to answer incoming call

1) Press 📞 key when handset rings;
2) Press 🔊 key to answer directly with the hands free speaker phone.

Automatic answer

When the handset is in the cradle, lift to answer a call.
ATTENTION: If you have Caller ID service, the automatic answer will be disabled. You can decide whether to answer the call.

Adjustment of receiver volume

During a phone conversation, press ⚲?/▼ or RD/▲ key to adjust the receiver volume. Choose from 5 volume levels. 1 being the lowest and 5 the highest. The volume indication will disappear from LCD screen after 3 seconds.

Microphone mute

During a phone conversation, press $_C$ ◁ key, the LCD screen will display ✎ₓ . The microphone will be disabled, but you will still be able to hear the caller. Press $_C$ ◁ again to restore a phone conversation.

Putting the caller on hold

During a phone conversation, press the INT key. The other party will hear beeping sound. Press INT key again to restore the phone conversation.

Last number redial

To dial the last dialled number, take phone line by ☎ key, then press RD/▲ key. The last number will be automatically dialed out.

One of the last 10 numbers redial

SD 8141 automatically store the last 10 dialled numbers. To call one of them, press RD/▲ key, and search through the list by RD/▲ or ▲?/▼ keys until the LCD screen display the desired number.

R Key (recall)

Pressing �📞/ℝ key during a phone conversation allows you to access to the supplementary service of the network (example, the call waiting if subscribed with the network operator).

Paging handset

Pressing **P** key of the base, the handset will ring. This function can be useful, for example, to locate the handset. Press any key on the handset to end a paging call.

Out of range indication

Please note that the conversation will be cut off if you are far from covered range of the base set. The symbol ✲ will blink on the LCD screen.

Battery level indication

LCD will display 4 battery levels: ▰▰▰ = full; ▰▰ middle; ▰ = low. If the symbol is displayed ▭ , , it indicates that the battery is flat. Put handset in the cradle for charging.

Using earphone

Sd8141 is equipped with a 2.5mm jack where it can be connected to one standard earphone typically used for mobile phone.
ATTENTION: select the proper earphone making sure it is the standard type

*Caller Identity (workable only if subscribed with network operator)*

SD8141 is able to display the caller number. If the caller number is stored into the phone book, the name will be displayed. It stores the last 20 calls automatically (the symbol 🖐 on LCD screen and the light ☎ on the base will blink when the call is not answered). To see the caller list, press ▲?/▼ key and then ▲?/▼ RD/▲ keys to list the content. Pressing ○ₖ when the number is displayed, will reflect the date and time of the call. If you press again ○ₖ key, display will show "SAVE?". If you press ○ₖ key again, you can store the call number on the phonebook. Input the location name of this number and press ○ₖ key to confirm the name and press ○ₖ key to confirm the number.

However, if you wish to delete the caller number, press C⁴ key when display shows "SAVE?". The display will show "DELETE". Confirm by pressing the ○ₖ key.

ATTENTION: Date and time are available only on PSTN lines and not on ISDN lines.

If you like to call the number reflected on the LCD screen, press ☎ key and it will be dialled out automatically.

Navigation method into menu

SD8141 is endowed with an intuitive system of listed menu and sub-menu. The ○ₖ Key allows input into the main tree of menu. Pressing RD/▲ or ▲?/▼ keys allow the menu to be listed. Pressing ○ₖ key allows input to the sub- menu.

Pressing the C⁴ key allows you to return to the previous menu. Press and hold the same key allows you to escape from menu and come back in the stand-by mode.

NOTE: For the subsequent steps, the procedure to input the main menu will not be mentioned anymore .

Date & Time setting

SD8141 is equipped with automatic clock setting system. If you are using it with an analogue line PSTN (not ISDN) with the caller ID enabled, the clock will be set automatically when there is an incoming call. Otherwise, the clock have to be set manually with the following procedure:

- under sub- menu "HANDSET", search for "CLOCK". Enter this menu and select "SET CLOCK". Set hours then press ▲?/▼ key . Set minutes then press ▲?/▼ key. Set month then press ▲?/▼ key. Set date.

Press ○ₖ to confirm. To auto setting, go to sub-menu, "CLOCK", search for "AUTOMATIC". Select ○ₖ and set "YES" if you like the auto setting or select "NO ". Press ○ₖ to confirm. This will automatically set the handset's date and time based on the FSK CID of the PSTN network.

Under the sub- menu, go to "CLOCK ", press "OK ". If you prefer not to display the clock onto the LCD Screen, press "OFF". Press ○ₖ to confirm.

Keypad lock

To lock the handset keypad:
- enter sub-menu "KEY LOCK" which is in the main menu. Choose "YES " (lock enabled) or
"NO " (lock disabled), press $_{OK}$ to confirm.
To unlock keypad, press $_{OK}$ key three times .

Warning and confirmation tone On/Off

There will be a warning beep when the phone is Out of range, Low Battery,
Confirmation at Programming and Key Click. These tones can be disabled by:
- enter sub- menu "HANDSET" which is in the main menu, search for "TONES". Enter this
menu and search for the tone you wont to disable or enable between "KEY ,RANGE,
LOW BATT " and "CONFIRM", press $_{OK}$, select "YES " (tone enabled) or "NO " (tone
disabled), press $_{OK}$ to confirm.

Handset ringer volume setting

You can set up to 4 different volume levels or disable the handset ringer (handset will
not ring). To set, follow this procedure:
- enter sub-menu "HANDSET" which is in the main menu, search for "RINGER". Select the
desired volume level by RD/▲ or ♪?/▼ keys (included for ringer off -"VOL OFF"⚌
symbol will be displayed on LCD screen). Press $_{OK}$ to confirm.
Alternatively, with an incoming call, adjust the ringer volume directly by pressing RD/▲
or ♪?/▼ keys.

Handset ringer tone setting

Set up to 5 different ringer tones. You can also set a different ringer tone for incoming
call and intercom call. To set, follow as below:
- enter sub-menu "HANDSET" which is in the main menu, search for "EXT RING" for the
incoming call, or "INT RING" for the intercom call. Press $_{OK}$ and set the desired tone by
the RD/▲ or ♪?/▼ keys. Press $_{OK}$ to confirm.

Base ringer volume setting

Set up to 5 different volume levels or disable ringer (base will not ring). To set, follow as
below:
- enter sub-menu "BASE" which is in the main menu, search for "RINGER ".
Press $_{OK}$ and select "VOLUME ". Press $_{OK}$ and set the desired volume by RD/▲
or ♪?/▼ keys (included for ringer off - "VOL OFF"). Press $_{OK}$ to confirm.

Base ringer tone setting

Set up to 5 different ringer tones. To set, follow as below:
- enter sub-menu "BASE" which is in the main menu, search for "RINGER".
Press ₀ₖ and select "MELODY". Press ₀ₖ and the desired tone by RD/▲ or ▲?/▼ keys. Press ₀ₖ to confirm.

Ringer priority setting

Choose the ring setting between base or handset (or handsets) and the number of times the phone will ring the other unit. To set, follow as below:
- enter sub-menu "BASE" that is on the main menu, then select "RINGER". Press ₀ₖ and select "PRIORITY". Press ₀ₖ and select "SET UP". Press RD/▲ follow by ▲?/▼ key. Select the unit to ring first. Press ₀ₖ and RD/▲ or ▲?/▼ keys, specify after how many rings the other unit will ring. Press ₀ₖ to confirm. The LCD screen will display "PRIORITY", press ₀ₖ and select between "YES" or "NO" to enable or disable the ringer priority.

Timer enabling/disabling

At the end of each call, the conversation time will be reflected on the LCD screen display. You can disable or enable this function using the following:
- enter sub-menu "HANDSET" which is in the main menu, search for "TIMER".
Press ₀ₖ and select between "YES" and "NO" to enable or disable timer. Press ₀ₖ to confirm.

Replace handset name

The default name is "HANDSET". You can change the name up to a maximum of 8 characters. To set, follow as below:
- enter sub-menu "HANDSET" which is in the main menu, search for "HS NAME".
Press ₀ₖ key follow by the C ◀ key. Delete the old name and input the new name using the alphanumeric keypad. (Follow the same procedure used to input name into the phone book). Press ₀ₖ to confirm.

Language display setting

SD8141 is equipped with a multi language menu. To set the language between the available, follow as below:
- enter sub-menu "LANGUAGE" which is in the main menu. Press ₀ₖ and select the desired language by RD/▲ or ▲?/▼ keys. Press ₀ₖ to confirm.

Phone book

SD8141 can store up to 40 alphanumeric memories with name of 8 characters and numbers of 18 digits. To store, follow as below:

- enter sub-menu "PHONEBOOK" which is in the main menu and select "NEW". Input name by the alphanumeric keypad (see table below) and press $_{\text{OK}}$. Input number and press $_{\text{OK}}$ key to confirm. Escape sub-menu or store other location.

NOTE: if there is an error during setting, press $_{\text{C}}$ key to delete.

Key	x1	x2	x3	x4	x5
1	Space	-	1		
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				

To modify entry memory

Select "EDIT" under the sub-menu "PHONEBOOK".

Select the name to be modified by pressing RD/▲ or ▲?/▼ key. Press $_{\text{OK}}$ and, if necessary, modify the name. Press $_{\text{OK}}$ and, if necessary, modify the number. Delete characters or numbers by pressing $_{\text{C}}$ key. Press $_{\text{OK}}$ to confirm.

To delete entry memory

Select "DELETE" under the sub-menu "PHONEBOOK". Select the name to be deleted by pressing RD/▲ or ▲?/▼ keys. Press $_{\text{OK}}$ to confirm.

To delete all entry memory

Select "DEL ALL" under the sub-menu "PHONEBOOK". Press $_{\text{OK}}$ to confirm.

NOTE: All data relative to the phone book will be erased.

To call entry memory

Press $^{\text{ID}}$/R key and look for the name to be called by pressing the RD/▲ or ▲?/▼ Keys. To send a call press $\mathcal{C}$ key.

To store a number from the redial number list

Press RD/▲ key, look through the redial number list by pressing the RD/▲ or ▲?/▼ keys until the LCD screen display the desired number. Press $_{\text{OK}}$ key, display will show "SAVE? ", press $_{\text{OK}}$ and input the associated name and press $_{\text{OK}}$ key to confirm, press $_{\text{OK}}$ Key again to confirm the number.

To store a number from the caller identity, see section under "Caller Identity".

Alarm setting

SD8141 is equipped with daily alarm. The alarm can be set daily but the alarm time will reflect the time that was set previously. The alarm duration is 30 seconds. Press any handset key to stop alarm. To set, follow as below:

- enter sub-menu "HANDSET" which is in the main menu and search for "ALARM". Enter this sub-menu and select "ALARM TIME". Press ▲?/▼ and set hours. Press $_{OK}$ key. Set minutes and press $_{OK}$ key.

Press either RD/▲ or ▲?/▼ and select "SET ALARM ". Set "YES " or "NO". Press $_{OK}$ to confirm.

Repeat the last step to enable alarm every day.

PIN code changing

When you perform advanced setting or subscribe to a new handset, a PIN code is used for the security of Tower. The default PIN code is "0000 ". To set new PIN code, follow as below:

- enter sub-menu "BASE " which is in the main menu and search for "ADVANCED ". Press $_{OK}$, LCD screen will display "PIN ". Input old PIN (0000 default) and press $_{OK}$. Look for "PIN CODE " and press $_{OK}$. LCD screen will display "NEW PIN", input new PIN (maximum 8 digit) and press $_{OK}$ key. LCD screen will display "REPEAT", input new PIN again and press $_{OK}$ to confirm.

Dialing mode setting

Most of the public telephone centrals use tone (DTMF) dialling which is much more faster than Pulse dialling. However if your telephone line is connected to an old one, you will need to set Pulse dialling to dial outgoing numbers. To set, follow as below:

- enter sub-menu "BASE" which is in the main menu and search for "ADVANCED". Press $_{OK}$, LCD screen will display "PIN ". Input PIN code (0000 default) and press $_{OK}$. Look for "DIAL MODE" and press $_{OK}$. Select between "TONE" and "PULSE" and press $_{OK}$ to confirm.

Reset to default value

In case if you need to revert to default setting, reset as follows. This will erase all memories and Tower will come back to default setting.

- enter sub-menu "BASE" which is in the main menu and search for "ADVANCED". Press $_{OK}$, and LCD screen will display "PIN ". Input PIN code (0000 default) and press $_{OK}$. Look for "DEFAULT" and press $_{OK}$. LCD screen will display "CONFIRM? ". Press $_{OK}$ to confirm and it will return to the default setting.

NOTE: With the reset, the name of the handset does not return to the default name.

NOTE: With the reset, the routable and special prefix are deleted, see "LCR " paragraph to input the default prefix.

PABX code

To obtain an external line, the norm is to dial a '0' or '9' for dial tone if the unit is connected to a PABX. If you were to program a PABX code, there will be a pause of 3/5 seconds between the line access code (0 or 9) and the number to be dialled out. When numbers are stored in the phone book, insert '0' or '9' as the first digit for getting an external line. Set as below:

- enter sub-menu "BASE" which is in the main menu and search for "ADVANCED".
Press ₒₖ , LCD screen will display "PIN ". Input PIN code (0000 default) and press ₒₖ .
Look for "PABX PAUSE " and press ₒₖ . LCD screen will display "PABX CODE". Press ₒₖ
and input the desired digit (normally '0' or '9') and press ₒₖ. Look for "PAUSE" and press
ₒₖ . Select between 3 and 5 seconds which is the pause time to be introduce automatically, press ₒₖ to confirm.

Call barring

SD8141 allows setting of 3 different levels of call barring. You can also specify which handset to be locked. The barring are "LOCAL" all local numbers will be blocked, "NATIONAL" all numbers starting with 0 will be blocked, "INTERNATIO" all numbers starting with 00 will be blocked. To set call barring, follow as below:

- enter sub-menu "BASE" which is in the main menu and search for "ADVANCED".
Press ₒₖ , LCD screen will display "PIN ". Input PIN code (0000 default) and press ₒₖ .
Look for "CALL BAR" and press ₒₖ . LCD screen will display "HANDSET 1". Select the handset to be blocked and press ₒₖ . Now choose between "LOCAL", "NATIONAL" and "INTERNATIO". Press ₒₖ to confirm.

Disabling call barring

Enter sub-menu "CALL BAR " as described above and press ₒₖ . LCD screen will display "HANDSET 1". Choose the handset to be unlock and press ₒₖ. Select "NO BARRING "and press ₒₖ to confirm.

LCR (Least Cost Routing)

SD8141 is equipped with LCR multi carrier system. To understand the operational method of LCR, there is a need to deepen the routing. Programming the sub-menu "LCR" allows the routing of the numbers you prefer. To set, follow as below:

-Primary: main secondary network operator toward which you want to route all calls;

- routable: stored the area code, or only the first digit of area code. It must be routed toward the "PRIMARY" main secondary network access code. You can store up to 5 area code (the following area codes are set as default are: 0, 00, 3 and 4);

- Special : area code that must not be routed. It is preferable to call with the main network without routing . Please see page 2 where the area codes set as default are indicated. You can store up to 10 area code.

- others : in this list, other area codes can be stored to be routed with another network operator.

Please note that the area code which you wish to store here are not inside the "routable" *list.*

NOTE: a PIN code (0000 default) is needed when you do the programming.

Attention

The only way to use the LCR is to made a pre-dial. Dial a number, or recall it from any memory, and then press $\mathcal{C}$ key to send a call. All numbers dialled after $\mathcal{C}$ key is pressed, will not be routed.

How to enable / disable LCR

After programming as described below, enable (or disable if necessary) with the following: enter sub-menu "LCR" which is in the main menu and search for "YES" (or "NO"). Press $_{0K}$ to confirm.

Setting LCR "Primary"

Enter sub-menu "LCR" which is in the main menu and search for "PRIMARY". Press $_{0K}$ and enter the network operator code up to maximum 6 digit (ex. 1088). Press $_{0K}$ to confirm.

If you would like to modify the one that is previously stored, repeat the above steps. Make sure to delete the old one by using $_{C}$ key.

Setting LCR "Routable"

Enter sub-menu "LCR" which is in the main menu and search for "ROUTABLE". Press $_{0K}$ and look for "NEW". Press $_{0K}$, enter area code of maximum 6 digit and press $_{0K}$ to confirm.

To modify an area code: under sub-menu "ROUTABLE", select "MODIFY". Look for the area code to be modified and press $_{0K}$. Using the $_{0K}$ key, delete the digit and enter the new one. Press $_{0K}$ to confirm.
To delete an area code: under sub-menu "ROUTABLE", search for "DELETE". Look for the area code to be deleted and press $_{0K}$ to confirm.
To delete all area code stored: under sub-menu "ROUTABLE", search for "DEL ALL" and press $_{0K}$ to confirm. All area codes will be deleted.

Setting LCR "Special"

Enter sub-menu "LCR" which is in the main menu and search for "SPECIAL". Press o̅k̅
and look for "NEW". Press o̅k̅ , enter area code up to maximum 6 digit and press o̅k̅
to confirm.

To modify an area code: under sub-menu "SPECIAL", select "MODIFY". Look for the area
code to be modified and press o̅k̅ . By using c̅ key, delete the digit and enter new
one. Press o̅k̅ to confirm.

To delete an area code: under sub-menu "SPECIAL", search for "DELETE". Look for the
area code to be deleted and press o̅k̅ to confirm.

To delete all area code stored: under sub-menu "SPECIAL", search for "DEL ALL" and
press o̅k̅ to confirm. All area codes will be deleted.

Setting LCR "Others"

Enter sub-menu "LCR" which is in the main menu and search for "OTHERS". Press o̅k̅
and look for "NEW". Press o̅k̅ , enter area code up to maximum 6 digit and press o̅k̅
To confirm. Press o̅k̅ , enter network access code up to maximum 6 digit and press
 o̅k̅ to confirm.

To modify one entry: under sub-menu "OTHERS", search for "MODIFY". Look for the area
code / network operator code to be modified and press o̅k̅ . Using o̅k̅ key, delete
the digit of the area code to be modified. Enter the new digit and press the o̅k̅ key.
Delete the digit of network operator code to be modified. Enter new digit and confirm
by pressing the o̅k̅ key.

To delete one entry: under sub-menu "OTHERS", search for "DELETE". Look for the area
code / network operator code and press o̅k̅ to confirm.

To delete all entry: under sub-menu "OTHERS", search for "DEL ALL" and press o̅k̅ to
confirm. All entry will be deleted.

Multi handset configuration

You can subscribe up to 5 handsets to the same base set.

Subscription of optional handset

- Press and hold the base key for about 5 seconds (two beep tone will be hear). The
subscription will completed after 1 minute.
- With handset: enter sub-menu "REGISTER" which is in the main menu. "BS 1 2 3 4" will
be displayed on the LCD screen (the numbers 1 - 4 will blink, indicating that the handset
is already subscribed at the corresponding base number). Choose the base number
and the handset to be subscribed (from 1 to 4). Press o̅k̅ to confirm .

Key in the PIN code corresponding to the base set (0000 default) and press o̅k̅ . The
handset will start searching and the subscription will be completed in a few seconds.
NOTE: repeat the above procedure if it does not work the first time.

De-subscribe an handset

Enter sub- menu "BASE" which is in the main menu and search for "ADVANCED". Press ₀ĸ̄🗗
,"PIN " will be displayed. Enter PIN code (0000 default) and press ₀ĸ̄🗗 . Look for "DEL HS"
and press ₀ĸ̄🗗 . The LCD screen will display "HANDSET 1 ". Choose the handset to be
deleted and press ₀ĸ̄🗗 . "Confirm? " will be displayed. Press ₀ĸ̄🗗 to confirm.
*Attention: De-subscription could not be done with the de-subscribed handset that you
are using*

Intercommunication between handsets

With 5 handsets, you can do up to 2 intercommunications with 4 handsets and one
handset communicating with external line simultaneously.
To call a handset:
1) Press INT key and the handset number you wish to dial.
2) The called handset will ring, press 📞 key to answer.
3) Press the same key in both handsets to end a call.

Call transfer between handsets

1) When you are using an external line, press the INT key (the line will be put on hold).
2) Enter the handset number where you to wish to transfer the call.
3) When the called handset is picked up, an intercom call will be started.
4) Press 📞 key to complete the transfer.
If the called handset refuse the call, press INT to obtain an external line again.

Conference call

A conversation with external line can be extended to another handset. To enable the
conference call, follow the same operation described for call transfer and when the
intercommunication is established, press INT and #. The conference call is now
enabled.

Multi base configuration

With the GAP profile, you can subscribe your handset to 4 different DECT bases (also if
different brand and model) provided that these are of the same profile. In this mode, it
is possible to create an area of wide coverage which, in optimal conditions, allow the
use of a handset for a maximum distance of 1200 m.

Subscribe handset to another base

The procedure is the same as those described in "Subscription of optional handset". If the base where you want to subscribe the SD8141 handset is of a different model, please follow the instruction manual on how to put it in subscription mode. When you are done, follow the same procedure described in "Subscription of optional handset". Do the vice versa when you want to subscribe an handset of different model to the SD8141 base. Set the base in "subscription mode" by pressing and holding the base key for about 5 seconds and follow the handset subscription instruction.
NOTE: you need to know the base PIN code where you want to subscribe one handset.

Base search
Sd8141 is continuously searching the base for stronger signal to be connected. If you want to do it manually, you will need to choose one particular base and follow the same operation described for the optional handset subscription without pressing the base key. Then handset will be connected to the selected base.

Baby sitting (room monitor)

With 2 SD8141 handsets, you can set one of them for room monitoring. It will answer automatically in the case of an internal call. This function is typically used to monitor children when they sleep in another room. You can set the handset to be put in the children room as below:
Enter sub-menu "BABYSIT" which is in the main menu and search for "YES". Press $\underset{OK}{\Box}$ key to confirm (the symbol Ω will be displayed). To disable, repeat the above operation and select "NO".
To start monitoring, press INT key and enter the handset number with the baby call feature enabled. Press $\mathcal{C}$ key to end monitoring.